

ABSTRACT OF THE DISCLOSURE

The present invention provides methods, systems, and computer program instructions for providing location-independent packet routing and secure access in a wireless networking environment (such as that encountered within a building), enabling client devices to travel seamlessly within the environment. Each client device uses a constant address. An address translation process that is transparent to the client and server is automatically performed as the device roams through the environment, enabling efficient client migration from one supporting access point to another. The secure access techniques provide user-centric authentication and allow policy-driven packet filtering, while taking advantage of encryption capabilities that are built in to the hardware at each endpoint.